AMENDMENT TO THE CLAIMS

1. (Currently Amended) A jet fuel blend comprising more than 75 % by volume of a kerosine fraction boiling within the range of 140° to 250°C and a minor amount of a naphtha fraction produced by the catalytic cracking of heavy gas oil (hereafter "HCCN") which naphtha fraction has a distillation range of T_5 = 165°C to T95 = 210°C, an aromatics content of at least 50 % by volume such that the resultant jet fuel blend has a freezing point below that of the kerosine prior to blending and that the total aromatic content of the blend is in the range from 15-25% by volume of the total blend.

2. (Currently Amended) ~~A~~ The blend according to Claim 1 wherein the ~~freezing point of the blend is below -53.5°C~~ kerosine fraction forming the major component of the blend has a boiling range of T_5 = 145°C to T_{95} = 248°C.

3. (Currently Amended) ~~A~~ The blend according to Claim 1 ~~or 2~~ wherein the kerosine fraction forming the major component of the blend has a boiling range of T_5 = ~~145°C~~ 150°C to T_{95} = ~~248°C~~ 245°C.

4. (Currently Amended) ~~A~~ The blend according to ~~any one of the preceding Claims~~ Claim 1, 2 or 3 wherein the ~~kerosine fraction forming the major component of the blend has a boiling range of T_5 = 150°C to T_{95} = 245°C~~ freezing point of the blend is below -53.5°C.

5. (Currently Amended) ~~A~~ The blend according to ~~any one of the preceding Claims~~ Claim 1, 2 or 3 wherein the amount of the kerosine fraction in the jet fuel blend is in the range of 80-99% by volume of the total blend comprising the kerosine fraction and the HCCN.

6. (Currently Amended) ~~A~~ The blend according to ~~any one of the preceding Claims~~ Claim 1, 2 or 3 wherein the HCCN fraction is substantially unhydrorefined and has a boiling range of T_5 = 165°C to T_{95} = 210°C.

7. (Currently Amended) ~~A~~ The blend according to ~~any one of the preceding Claims~~ Claim 1, 2 or 3 wherein the amount of HCCN in the blend is from 0.5 to 15% by volume of the total blend.

8. (Currently Amended) ~~A~~ The jet fuel blend composition according to ~~any one of the preceding Claims~~ Claim 1, 2 or 3 wherein said composition also contains one or more additives selected from antioxidants, static dissipaters, metal deactivators, lubricity improvers, fuel system icing inhibitors, thermal stability improvers, drag reducing agents and dyes.

9. (New) A method for producing a jet fuel blend comprising kerosine which blend has a freezing point below that of the kerosine prior to the blending comprising combining a minor amount of a naphtha fraction produced by the catalytic cracking of heavy gas oil (hereafter HCCN) which naphtha fraction has a distillation range of T_5 = 165°C to T_{95} = 210°C and an aromatic content of at least 50% by volume with a kerosine fraction comprising more than 75% by volume of the jet fuel blend, said kerosine fraction boiling in the range of 140° to 250°C, such that upon blending the resultant jet fuel blend has a total aromatic content in the range from 15-25% by volume of the total blend.

10. (New) The method according to Claim 9 wherein the kerosine fraction forming the major component of the blend has a boiling range of T_5 = 145°C to T_{95} = 248°C.

11. (New) The method according to Claim 9 wherein the kerosine fraction forming the major component of the blend has a boiling range of T_5 = 150°C to T_{95} = 245°C.

12. (New) The method according to Claim 9, 10 or 11 wherein the freezing point of the blend is below -53.5°C.

13. (New) The method according to Claim 9, 10, or 11 wherein the amount of the kerosine fraction in the jet fuel blend is in the range of 80-99% by volume of the total blend comprising the kerosine fraction and the HCCN.

14. (New) The method according to Claim 9, 10, or 11 wherein the HCCN fraction is substantially unhydrorefined and has a boiling range of T_5 = 165°C to T_{95} = 210°C.

15. (New) The method according to Claim 9, 10, or 11 wherein the amount of HCCN in the blend is from 0.5 to 15% by volume of the total blend.

16. (New) The jet fuel blend composition according to Claim 9, 10 or 11 wherein said composition also contains one or more additives selected from antioxidants, static dissipaters, metal deactivators, lubricity improvers, fuel system icing inhibitors, thermal stability improvers, drag reducing agents and dyes.